

From: Sgraves@TechLawInc.com
Sent: 2/29/2012 2:05:21 PM
To: "Kelley Chase" <Chase.Kelley@epamail.epa.gov>
CC:
Subject: RE: Dimock - Residential Well HW-47

Hi Kelley,
Just wanted to let you know I am now looking into this.
I should have some info for you shortly.
Thanks

Suddha Graves
TechLaw, Inc.

From: Kelley Chase [mailto:Chase.Kelley@epamail.epa.gov]
Sent: Wednesday, February 29, 2012 12:34 PM
To: Graves, Suddha
Cc: Richard Rupert
Subject: RE: Dimock - Residential Well HW-47

Hi Suddha -

I will be meeting with the Ex. 6 - Personal Privacy family tomorrow night along with several health professionals from ATSDR to answer questions about the high arsenic results. I wanted to double check a few things with you beforehand. I am guessing you will need to take another look at the sampler's logbook. I understand that we collected a sample at the kitchen sink and at the pressure tank. Is this correct? I have recently learned that the home has an reverse osmosis unit. This was not noted at the time of the original survey (which I conducted) or from what I can tell from your earlier e-mail - from the logbook. Is that correct? I want to be sure that I understand whether we collected a sample after the RO unit (if it exists)? It may have been installed to treat only drinking water from a separate low flow faucet (not the kitchen tap).

Thanks !!!

From: "Graves, Suddha" <Sgraves@TechLawInc.com>
To: Kelley Chase/R3/USEPA/US@EPA
Date: 02/15/2012 10:42 AM
Subject: RE: Dimock - Residential Well HW-47

Kelley,

HW47 was sampled on 2/8/12.

Ex. 6 - Personal Privacy

Dimock. Well is reported to be 450 feet deep, with 178 ft of casing, and it is unknown what the depth of the pump is. Water had a slight sulfur smell and was slightly effervescent. There was a pressure tank and water softener in basement. It was noted that there was sewer gas at the home.

The following screening results were collected:

Wellhead

Alkalinity 193 mg/L
Dissolved Sulfide 0.087 mg/L
Ferrous Iron 2.71 mg/L
Turbidity 1.4 NTU

Kitchen Sink

Alkalinity 194 mg/L
Dissolved Sulfide 0.038 mg/L

Ferrous Iron 0.01 mg/L
Turbidity 0.22 NTU

If you want, I have photos and scanned copies of logbooks and field data sheets.

Thanks,
Suddha Graves
TechLaw, Inc.

From: Kelley Chase [<mailto:Chase.Kelley@epamail.epa.gov>]
Sent: Wednesday, February 15, 2012 8:44 AM
To: Graves, Suddha
Subject: Dimock - Residential Well HW-47

Hi Suddha -

I am sending this now - so that I don't forget to ask you later.

Based on the preliminary results - we have elevated arsenic (90s ug/L) in the samples collected from HW-47.

From the well survey info collected by EPA we know the following:

- well approx 450' deep, well approx 40 yrs old, original pump
- have a softener and chlorinator (installed in the 70s)
- there are also 2 other wells on the property (one deep which is used for irrigation and one shallow hand dug well)

I would appreciate it if you could check the field logs for any additional information noted by the sample team. It would be helpful if I could get this info by noon.

Thanks - Kelley